

## 2009 Air Emissions Monthly Summary - Northern Region

### Abitibi-Consolidated Inc. - Fort Frances Division

145 Third St W  
Fort Frances

**Sector:** Pulp and Paper  
**Ministry Office:** Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>TOTAL REDUCED SULPHUR</b>								
<b>CofA/Permit Non-Compliance</b>								
January 1, 2009 - December 31, 2009	27	ppb	/hr	193 exceedances	28	242	Operational Process Modification	Assessment Underway

Total CofA/Permit Non-Compliance = 193 exceedances

This data is provided for information purposes only. Dischargers provide most of the information contained in this summary. Dischargers are accountable for the accuracy of the information that they submit. Some of the information is also derived from ministry data on discharges. Facility Action, Ministry Action and conviction information are all current to August 2010. For up-to-date information, please contact the appropriate district or area office.

## 2009 Air Emissions Monthly Summary - Northern Region

**Bowater Canadian Forest Products  
Inc Ontario Sawmill**

156 Darrel Ave  
Thunder Bay

**Sector:** Miscellaneous Industrial  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>Legislation Non-Compliance</b>								
February 12, 2009	20	%	6min avg	1 day of exceedances	21	21	Other	Assessment Complete - Incident Resolved

**Total Legislation Non-Compliance = 1 day of exceedances**

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## 2009 Air Emissions Monthly Summary - Northern Region

**Bowater Canadian Forest Products  
Inc. - Thunder Bay**

2001 Neebing Ave  
Thunder Bay

**Sector:** Pulp and Paper  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### NOISE

#### CofA/Permit Non-Compliance

January 27, 2009 - December 31, 2009	45	dBA	any	1 exceedance	46	64	Equipment Modified - Repaired - Replaced or Re-calibrated	Voluntary Abatement Program Underway
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Total CofA/Permit Non-Compliance = 1 exceedance

### OPACITY

#### Legislation Non-Compliance

February 22, 2009 - December 26, 2009	20	% Opacity	6min avg	4 days of exceedances	20	90	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
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Total Legislation Non-Compliance = 4 days of exceedances

### TOTAL REDUCED SULPHUR

#### Policy/Guideline Non-Conformance

June 21, 2009	27	ppb	30min avg	1 exceedance	42	42	Operational Process Modification	Assessment Complete - Incident Resolved
October 08, 2009	27	ppb	30min avg	2 exceedances	31	33	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required

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## 2009 Air Emissions Monthly Summary - Northern Region

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**Bowater Canadian Forest Products  
Inc. - Thunder Bay**

2001 Neebing Ave  
Thunder Bay

**Sector:** Pulp and Paper  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>Total Policy/Guideline Non-Conformance = 3 exceedances</b>								

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## 2009 Air Emissions Monthly Summary - Northern Region

### Capital Power Income L.P.

Lot: 26,27,28, Conc: 4, Stoddart Twp  
Stoddart

**Sector:** Electric Power Generation  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>CofA/Permit Non-Compliance, Legislation Non-Compliance</b>								
December 5, 2009 -	20	%	6min avg	8 days of exceedances	8.62	79.01	Action Plan Submitted - Implementing Improvements	Assessment Underway, Voluntary Abatement Program Underway
December 24, 2009		Opacity						

Total CofA/Permit Non-Compliance, Legislation Non-Compliance = 8 days of exceedances

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## 2009 Air Emissions Monthly Summary - Northern Region

### De Beers Canada Inc.

90 km W of Attawapiskat  
Unsurveyed Territory (Timmins District Offic

Sector: Industrial Minerals  
Ministry Office: Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>2,3,7,8 TETRACHLORO DIBENZO-P-DIOXIN</b>								
<b>CofA/Permit Non-Compliance Policy/Guideline Non-Conformance</b>								

July 7, 2009 -	80	pg/L	any	1 exceedance	90	90	Additional Monitoring Underway, Conducting Study	Voluntary Abatement Program Underway
July 9, 2009								

Total CofA/Permit Non-Compliance Policy/Guideline Non-Conformance = 1 exceedance

### LEAD

#### CofA/Permit Non-Compliance Policy/Guideline Non-Conformance

July 7, 2009 -	0.142	mg/m3	any	1 exceedance	0.29	0.29	Additional Monitoring Underway, Conducting Study	Voluntary Abatement Program Underway
July 9, 2009								

Total CofA/Permit Non-Compliance Policy/Guideline Non-Conformance = 1 exceedance

### SUSPENDED PARTICULATE MATTER

#### CofA/Permit Non-Compliance Policy/Guideline Non-Conformance

July 7, 2009 -	17	mg/m3	any	1 exceedance	29.6	29.6	Additional Monitoring Underway, Conducting Study	Voluntary Abatement Program Underway
July 9, 2009								

Total CofA/Permit Non-Compliance Policy/Guideline Non-Conformance = 1 exceedance

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## 2009 Air Emissions Monthly Summary - Northern Region

**Domtar Inc.**

1 Station Rd  
Espanola

**Sector:** Pulp and Paper  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>Legislation Non-Compliance</b>								
January 1, 2009 - December 31, 2009	20	%	6min avg Opacity	327 days of exceedances	41	90.75	Other	Voluntary Abatement Program Underway

Total Legislation Non-Compliance = 327 days of exceedances

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## 2009 Air Emissions Monthly Summary - Northern Region

**Domtar Pulp and Paper Products  
Inc.**

1 Duke St  
Dryden

**Sector:** Pulp and Paper  
**Ministry Office:** Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>Legislation Non-Compliance</b>								
July 31, 2009	20	% Opacity	6min avg	1 day of exceedances	31.3	65.6	Operational Process Modification	Assessment Complete - Incident Resolved
September 08, 2009	20	% Opacity	6min avg	1 day of exceedances	21	230	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - Incident Resolved
December 05, 2009	20	% Opacity	6min avg	1 day of exceedances	40	60	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - Incident Resolved

**Total Legislation Non-Compliance = 3 days of exceedances**

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## 2009 Air Emissions Monthly Summary - Northern Region

**EPCOR Power L.P.**

Lot: 26,27,28, Conc: 4, Stoddart Twp  
Stoddart

**Sector:** Electric Power Generation  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>Legislation Non-Compliance</b>								
January 1, 2009 - November 30, 2009	20	%	6min avg Opacity	95 days of exceedances	20	72	Equipment Modified - Repaired - Replaced or Re- calibrated	Voluntary Abatement Program Underway

**Total Legislation Non-Compliance = 95 days of exceedances**

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## 2009 Air Emissions Monthly Summary - Northern Region

<b>Essar Steel Algoma Inc.</b>	105 West St Sault Ste. Marie	<b>Sector:</b> Iron and Steel <b>Ministry Office:</b> Sault Ste. Marie
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Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### BENZO(A)PYRENE

#### Policy/Guideline Non-Conformance

January 19, 2009 - December 21, 2009	1.1	ng/m3	24hr avg	10 exceedances	1.15	8.1	Other	Assessment Complete - No Action Required
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Total Policy/Guideline Non-Conformance = 10 exceedances

### DUSTFALL

#### Policy/Guideline Non-Conformance

June 30, 2009 - September 30, 2009	7	g/m2	/mon	4 exceedances	7.6	16.5	Other	Other Abatement Action Taken Before the Courts
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Total Policy/Guideline Non-Conformance = 4 exceedances

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## 2009 Air Emissions Monthly Summary - Northern Region

<b>Tembec Enterprises Inc.</b>				1 Government Rd Kapuskasing			<b>Sector:</b> <b>Ministry Office:</b>	Pulp and Paper Timmins			
<b>OPACITY</b>											
<b>Legislation Non-Compliance</b>											
Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action			
February 13, 2009	20	% Opacity	6min avg	1 day of exceedances	23.4	23.4	Operational Process Modification	Assessment Complete - No Action Required			
October 23, 2009	20	% Opacity	6min avg	1 day of exceedances	30	30	Operational Process Modification	Assessment Complete - Incident Resolved			
October 3, 2009 - October 24, 2009	20	% Opacity	6min avg	3 days of exceedances	28	31	Operational Process Modification	Assessment Complete - No Action Required			
November 2, 2009 - November 3, 2009	20	% Opacity	6min avg	2 days of exceedances	25	25	Operational Process Modification	Assessment Complete - No Action Required			

**Total Legislation Non-Compliance = 7 days of exceedances**

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## 2009 Air Emissions Monthly Summary - Northern Region

### VALE INCO Limited - Copper Cliff Smelter

155 Balsam Street  
Greater Sudbury

**Sector:** Metal Mining and Refining  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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#### ARSENIC

##### Legislation Non-Compliance

September 25, 2009	0.3	µg/m3	24hr avg	1 exceedance	0.433	0.433	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued
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**Total Legislation Non-Compliance = 1 exceedance**

#### COBALT

##### Policy/Guideline Non-Conformance

March 29, 2009 - April 16, 2009	0.1	µg/m3	24hr avg	3 exceedances	0.12	0.13	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued
January 1, 2009 - December 31, 2009	0.1	µg/m3	24hr avg	1 exceedance	0.768	0.768	Action Plan Submitted - Implementing Improvements	Director's Order Issued

**Total Policy/Guideline Non-Conformance = 4 exceedances**

**Based on Air Dispersion Modeling**

#### NICKEL

##### Legislation Non-Compliance

February 3, 2009 - April 16, 2009	2	µg/m3	24hr avg	5 exceedances	2.12	4.4	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued
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## 2009 Air Emissions Monthly Summary - Northern Region

### VALE INCO Limited - Copper Cliff Smelter

155 Balsam Street  
Greater Sudbury

**Sector:** Metal Mining and Refining  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
January 1, 2009 - December 31, 2009	2	µg/m3	24hr avg	1 exceedance	35.7	35.7	Action Plan Submitted - Implementing Improvements	Director's Order Issued

**Total Legislation Non-Compliance = 6 exceedances**  
**Based on Air Dispersion Modeling**

### SULPHUR DIOXIDE

#### Order Non-Compliance

January 1, 2009 - December 31, 2009	690	µg/m3	24hr avg	1 exceedance	5451	5451	Action Plan Submitted - Implementing Improvements	Director's Order Issued
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**Total Order Non-Compliance = 1 exceedance**  
**Based on Air Dispersion Modeling**

### SUSPENDED PARTICULATE MATTER

#### Legislation Non-Compliance

May 13, 2009	120	µg/m3	24hr avg	1 exceedance	150	150	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued
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**Total Legislation Non-Compliance = 1 exceedance**

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## 2009 Air Emissions Monthly Summary - Northern Region

### VALE INCO Limited - Nickel Refinery

155 Balsam Street  
Greater Sudbury

**Sector:** Metal Mining and Refining  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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#### SULPHUR DIOXIDE

##### Order Non-Compliance

January 1, 2009 -	690	µg/m <sup>3</sup>	/hr	1 exceedance	1255	1255	Action Plan Submitted - Implementing Improvements	Director's Order Issued
December 31, 2009								

Total Order Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling

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## 2009 Air Emissions Monthly Summary - Northern Region

Weyerhaeuser Company Limited				1000 Jones Rd Kenora		Sector:	Miscellaneous Industrial	
						Ministry Office:	Kenora	
Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>Legislation Non-Compliance</b>								
January 29, 2009	20	% Opacity	6min avg	1 day of exceedances	6	6	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
April 25, 2009	20	% Opacity	6min avg	1 day of exceedances	24	24	Action Plan Submitted - Implementing Improvements, Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - No Action Required
May 04, 2009	20	% Opacity	6min avg	1 day of exceedances	21	21	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
September 20, 2009	20	% Opacity	6min avg	1 day of exceedances	38	38	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - Incident Resolved
October 07, 2009	20	% Opacity	6min avg	1 day of exceedances	29	29	Equipment Modified - Repaired - Replaced or Re-calibrated	Assessment Complete - Incident Resolved

Total Legislation Non-Compliance = 5 days of exceedances

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## 2009 Air Emissions Monthly Summary - Northern Region

**Xstrata Canada Corporation - Kidd Metallurgical Site** 10050 Highway 101 E  
Timmis      **Sector:** Metal Mining and Refining  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### LEAD

#### Legislation Non-Compliance

January 1, 2009 - March 31, 2009	6	µg/m3	30min avg	1 exceedance	12.1	12.1	Action Plan Submitted - Implementing Improvements, New Equipment or Treatment Process Installed	Provincial Officer's Order Issued
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Total Legislation Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling

### SULPHUR DIOXIDE

#### Legislation Non-Compliance

March 12, 2009	0.3	ppm	30min avg	2 exceedances	0.312	0.351	Ceased Operations	Assessment Complete - Incident Resolved
May 01, 2009	0.3	ppm	30min avg	1 exceedance	0.518	0.518	Ceased Operations	Assessment Complete - Incident Resolved
July 28, 2009	0.3	ppm	30min avg	1 exceedance	0.521	0.521	Ceased Operations	Assessment Complete - Incident Resolved
December 11, 2009 - December 19, 2009	0.3	ppm	30min avg	2 exceedances	0.34	0.38	Ceased Operations	Assessment Complete - Incident Resolved

Total Legislation Non-Compliance = 6 exceedances

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## 2009 Air Emissions Monthly Summary - Northern Region

### Xstrata Canada Corporation - Kidd Metallurgical Site

10050 Highway 101 E  
Timmis

**Sector:** Metal Mining and Refining  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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#### SUSPENDED PARTICULATE MATTER

##### Legislation Non-Compliance

January 1, 2009 - March 31, 2009	100	µg/m3	30min avg	1 exceedance	132.1	132.1	Action Plan Submitted - Implementing Improvements, New Equipment or Treatment Process Installed	Provincial Officer's Order Issued
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Total Legislation Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling

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## 2009 Air Emissions Monthly Summary - Northern Region

**Xstrata Canada Corporation - Sudbury**      1 Longyear Dr  
Greater Sudbury      **Sector:** Metal Mining and Refining  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>Legislation Non-Compliance</b>								
February 28, 2009 - August 8, 2009	20 % Opacity	6min avg	6 days of exceedances	21	90	Action Plan Submitted - Implementing Improvements	Assessment Complete - Incident Resolved	
Total Legislation Non-Compliance = 6 days of exceedances								

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